

Name \_\_\_\_\_  
Date \_\_\_\_\_ Period \_\_\_\_\_ A# \_\_\_\_\_

**More 5D Practice...**

Please choose 3 out of the 5 problems. All work must be done on graph paper. The \* indicates a challenge problems.

1. Four-Legged Zoo

The Four-Legged Zoo is a small zoo that has only four kinds of animals. There are twice as many giraffes as there are elephants. There are twice as many camels as there are giraffes. There are twice as many alligators as there are camels. There are 45 animals in the zoo. *How many of each animal is there?*

2. The Goldfish Eating Contest

Five kids entered the Pluck County Goldfish Eating Contest. Jessie ate as many goldfish as David. Mila ate as many goldfish as Taylor. Taylor ate three goldfish less than Jessie. Ralph didn't eat any goldfish. During the contest, a total of 14 goldfish were eaten. *How many goldfish did each person eat?*

3. The Athletic Pig

Casey and Karissa's father has asked them to construct a rectangular pen for their very athletic pig. They have 74 feet of fencing. Because the pig likes to run, they want the length to be one foot more than double the width. Find the dimensions (both length and width) of the pen.

4. #1 Salesperson Award\*

Danielle was awarded the #1 Salesperson Award at Carolina Cars because she sold 20 cars last month. She sold five kinds of cars: Toyotas, Fords, Buicks, Hondas and Jeeps. The number of Toyotas was two greater than the number of Fords. The number of Fords was three less than the number of Buicks. The number of Buicks was the same as the number of Hondas. The number of Hondas was half the size of the number of Jeeps. *How many of each car did Danielle sell?*

5. The Bake Sale\*

The local elementary school hosted a bake sale. There were four types of desserts donated: cupcakes, pies, cookies, and lemon bars. There were ten less pies than cookies. There were twice as many cupcakes as lemon bars. There were 15 more lemon bars than cookies. There were a total of 200 baked goods donated. *How many of each dessert were donated to the bake sale?*